

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:
Adrian P. Wise et al.

Filed: February 6, 2001

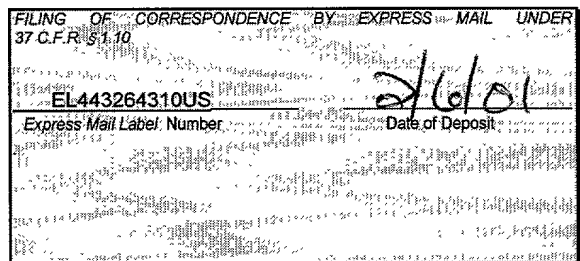
For: MULTISTANDARD VIDEO
DECODER AND DECOMPRESSION
SYSTEM FOR PROCESSING
ENCODED BIT STREAMS
INCLUDING A DECODER WITH
TOKEN GENERATOR AND
METHODS RELATING THERETO

§ Serial No. Not Yet Known
§
§ Art Unit: 2783 (anticipated)
§
§ Examiner: Follansbee, J. (anticipated)
§
§ Attorney Docket No.:
§ 94100420(EP)USC1X1C1D9 PDDD
§
§
§

PRELIMINARY AMENDMENT

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington DC 20231

Sir:



Prior to issuance of Serial Number 09/307,239 filed on October 7, 1997, and entitled MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM FOR PROCESSING ENCODED BIT STREAMS INCLUDING START CODES AND METHODS RELATING THERETO, applicant wishes to file a new divisional application thereon.

In the Specification:

On page 1, line 1, please delete "DATA PIPELINE SYSTEM AND DATA ENCODING METHOD" and in place thereof, please insert new title:

--MULTISTANDARD VIDEO DECODER AND DECOMPRESSION SYSTEM
FOR PROCESSING ENCODED BIT STREAMS INCLUDING A DECODER WITH
TOKEN GENERATOR AND METHODS RELATING THERETO--.

On page 1, lines 2-8, please delete "This is a continuation-in-part application of U.S. Serial No. (not yet known) filed February 2, 1995, which is a continuation application of Serial No. 08/082,291 filed June 24, 1993. This application claims priority from EPO Application No. 92306038.8 filed June 30, 1992, British Application No. 9405914.4 filed March 24, 1994 and British Application No. (not yet known) filed February 28, 1995." and in place thereof please insert the following heading and paragraph:

--CROSS REFERENCE TO RELATED APPLICATIONS

This application is a divisional of U.S. Serial No. 09/307,239 filed October 7, 1997, which is a continuation of U.S. Serial No. 08/400,397 filed March 7, 1995, which is a Continuation-In-Part of U.S. Serial No. 08/382,958 filed February 2, 1995, now abandoned, which is a continuation of U.S. Serial No. 08/082,291 filed June 24, 1993, now abandoned.--

In the Claims:

Please add the following claims:

- 1 1. A decoder comprising:
- 2 a processor for operating on a data stream of data having portions encoded by
- 3 respectively different compression standards;

4 a token generator responsive to the encoded data stream for generating at
5 least one data token and a control token corresponding to each of the different
6 compression standards; and

7 the processor being conditioned to process the at least one data token
8 according to the different compression standard to which the generated control token
9 corresponds.

1 2. The decoder of claim 1, wherein the processor comprises a
2 pipeline processor having stages, at least one of the stages being conditioned to
3 process the at least one data token according to the different compression standard
4 to which the generated control token corresponds.

1 3. The decoder of claim 2, wherein the at least one data token is altered
2 by the at least one of the stages.

1 4. The decoder of claim 2, wherein the at least one data token is altered
2 by the at least one of the stages and conveyed to another one of the stages for
3 further processing.

1 5. The decoder of claim 2, wherein the token generator resides in one of the
2 stages.

1 6. The decoder of claim 2, wherein the generated control token
2 interfaces with each of the stages.

1 7.The decoder of claim 2, wherein the generated control token interacts
2 with predetermined ones of the stages.

1 8.The decoder of claim 2, wherein the at least one data token is altered
2 by the predetermined ones of the stages.

1 9. The decoder of claim 2, wherein the generated control token interacts
2 with adjacent ones of stages.

1 10.The decoder of claim 2, wherein the generated control token
2 interacts with non-adjacent ones of the stages.

1 11. A method of operating on a data stream of data having portions
2 encoded by respectively different standards comprising:
3 responsive to the encoded data stream, generating a control token
4 corresponding to each of the different standards and at least one data token; and
5 processing the at least one data token according to the different
6 compression standard to which the generated control token corresponds.

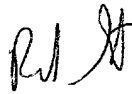
1 12.The method of claim 11, wherein processing the at least one data
2 token comprises altering the at least one data token.

REMARKS

Should the Examiner believe that contact with Applicant's attorney would be beneficial to the disposition of this application, he is invited to contact Applicant's

attorney at the telephone number listed below. The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 94-1175.

Respectfully submitted,



Richard Stokey
Reg. No. 40,383

Date: 2/6/01

DISCOVISION ASSOCIATES
INTELLECTUAL PROPERTY DEVELOPMENT
P.O. Box 19616
Irvine, California 92623
(949) 660-5006

\\TCPSERV01\GRPDIRS\ABG\PPD\IPDD\941004--\ (EP)US\C1X1C1D9\amend_prelim_01.doc